

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior version, and listings, of claims in the application:

Listing of Claims:

1-11 (Canceled).

12. (Currently Amended) A method for regulating a d.c. converter for at least two electromagnetic valves of an internal combustion engine, the method comprising:

supplying each of the at least two electromagnetic valves with a current that is generated by the d.c. converter;

determining when a total current supplied to the at least two electromagnetic valves constitutes a high load for the d.c. converter; and

if a high load is determined, adapting the d.c. converter for processing of the high load;

wherein the current supplied to each of the at least two electromagnetic valves is determined as a function of a triggering provided for an output stage upstream from the at least two electromagnetic valves.

13. (Canceled).

14. (Previously Presented) The method of claim 12, wherein the high load for the d.c. converter is derived from overlapping currents of the at least two electromagnetic valves.

15. (Currently Amended) The method of claim 12, A method for regulating a d.c. converter for at least two electromagnetic valves of an internal combustion engine, the method comprising:

supplying each of the at least two electromagnetic valves with a current that is generated by the d.c. converter;

determining when a total current supplied to the at least two electromagnetic valves constitutes a high load for the d.c. converter; and

if a high load is determined, adapting the d.c. converter for processing of the high load;

wherein adaptation of the d.c. converter includes increasing an output voltage of the d.c. converter in the case of a high load.

16. (Currently Amended) ~~The method of claim 12,~~ A method for regulating a d.c. converter for at least two electromagnetic valves of an internal combustion engine, the method comprising:

supplying each of the at least two electromagnetic valves with a current that is generated by the d.c. converter;

determining when a total current supplied to the at least two electromagnetic valves constitutes a high load for the d.c. converter; and

if a high load is determined, adapting the d.c. converter for processing of the high load;

wherein adaptation of the d.c. converter includes increasing an output voltage of the d.c. converter in the case of a high load, and

wherein the output voltage is regulated with reference to a setpoint value, and wherein the setpoint value is increased.

17. (Currently Amended) ~~The method of claim 12,~~ A method for regulating a d.c. converter for at least two electromagnetic valves of an internal combustion engine, the method comprising:

supplying each of the at least two electromagnetic valves with a current that is generated by the d.c. converter;

determining when a total current supplied to the at least two electromagnetic valves constitutes a high load for the d.c. converter; and

if a high load is determined, adapting the d.c. converter for processing of the high load;

wherein an output power of the d.c. converter is increased in the case of a high load.

18. (Currently Amended) ~~The method of claim 12,~~ A method for regulating a d.c. converter for at least two electromagnetic valves of an internal combustion engine, the method comprising:

supplying each of the at least two electromagnetic valves with a current that is generated by the d.c. converter;

determining when a total current supplied to the at least two electromagnetic valves constitutes a high load for the d.c. converter; and

if a high load is determined, adapting the d.c. converter for processing of the high load;

wherein an increase in an output voltage of the d.c. converter is performed prior to an occurrence of the high load.

19. (Previously Presented) The method of claim 17, wherein the increase in the output voltage is terminated upon termination of the high load state.

20. (Currently Amended) A computer-readable storage medium for storing computer program having instructions for controlling, when the program is executed by a computer, a method comprising:

supplying each of the at least two electromagnetic valves with a current that is generated by the d.c. converter;

determining when a total current supplied to the at least two electromagnetic valves constitutes a high load for the d.c. converter; and

if a high load is determined, adapting the d.c. converter for processing of the high load;

wherein the current supplied to each of the at least two electromagnetic valves is determined as a function of a triggering provided for an output stage upstream from the at least two electromagnetic valves.

21. (Currently Amended) A device for regulating a d.c. converter for at least two electromagnetic valves of an internal combustion engine in a motor vehicle, a current generated by the d.c. converter being supplied to each of the at least tow electromagnetic valves, the device comprising:

a control unit configured to determine when a total current supplied to the at least two electromagnetic valves represents a high load for the d.c. converter,

wherein the control unit regulates the d.c. converter for optimal processing of the high load, and

U.S. Pat. App. Ser. No. 10/523,254
Attorney Docket No. 10191/3720
Reply to Office Action of March 7, 2008

wherein the current supplied to each of the at least two electromagnetic valves is determined as a function of a triggering provided for an output stage upstream from the at least two electromagnetic valves.